

FIG. 1

2/7

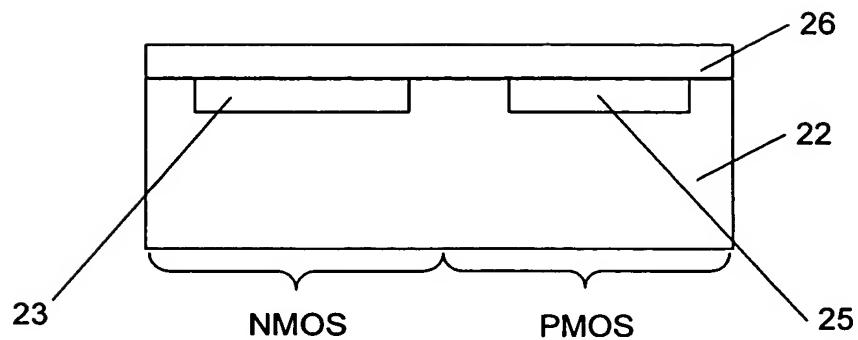


FIG. 2A

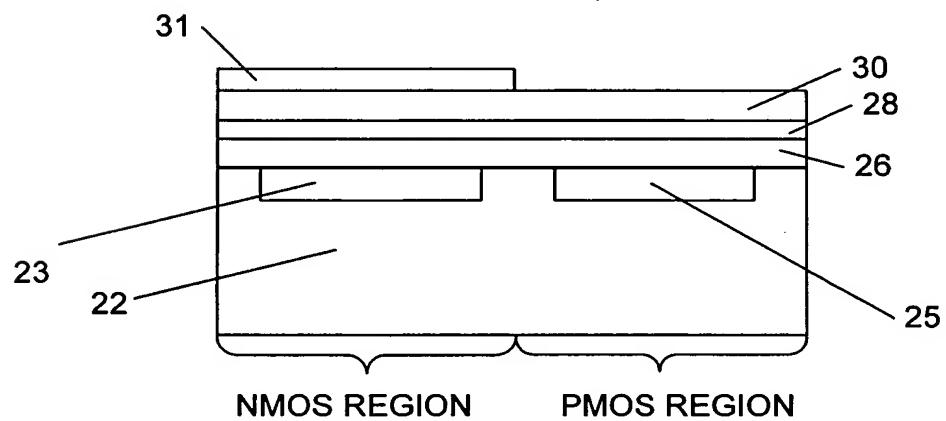


FIG. 2B

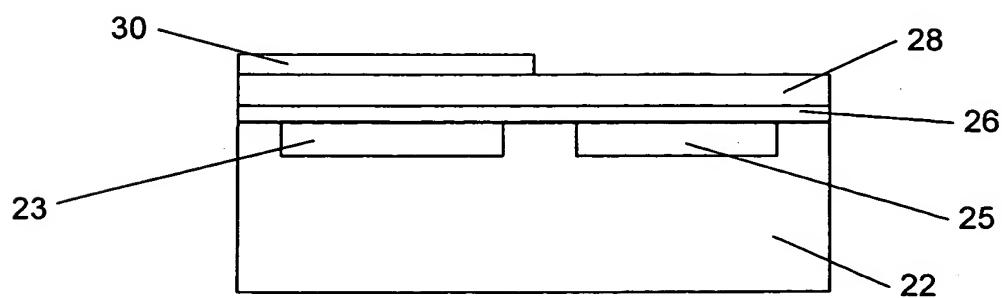


FIG. 2C

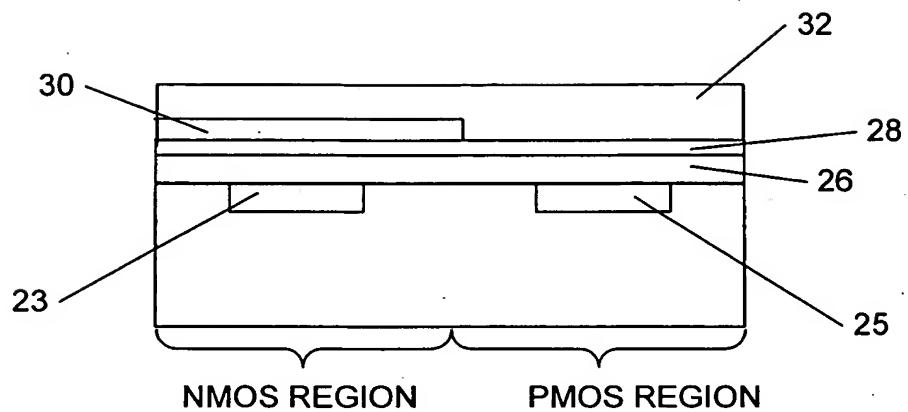


FIG. 2D

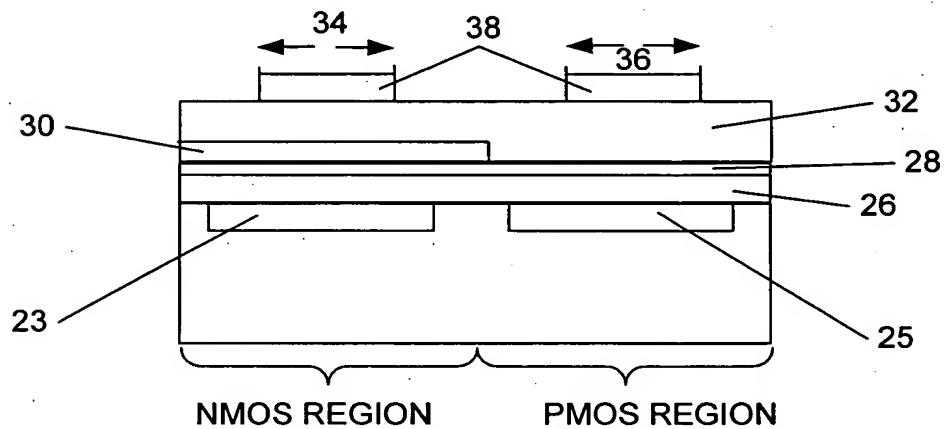


FIG. 2E

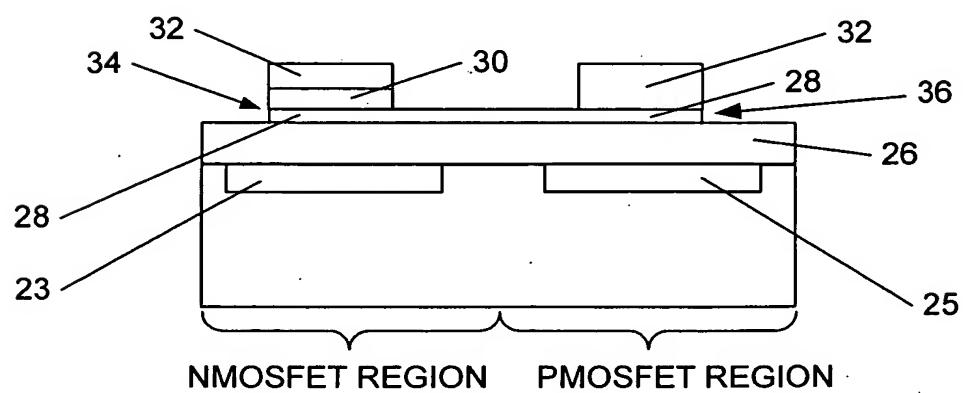


FIG. 2F

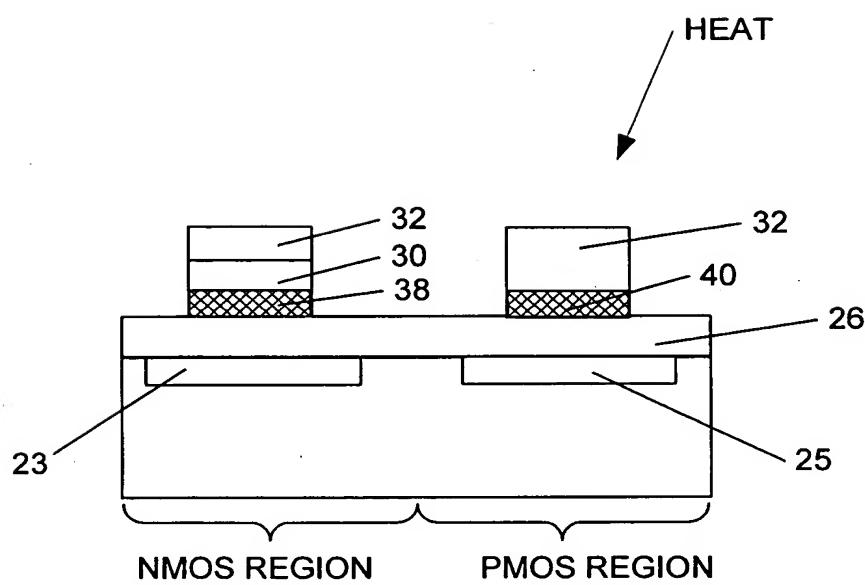


FIG. 2G

	Hf	AlN _x	SiO ₂	(unit: nm/min)
HPM	82	<0.1	6.0	
SPM	>100	0	0	

FIG. 3

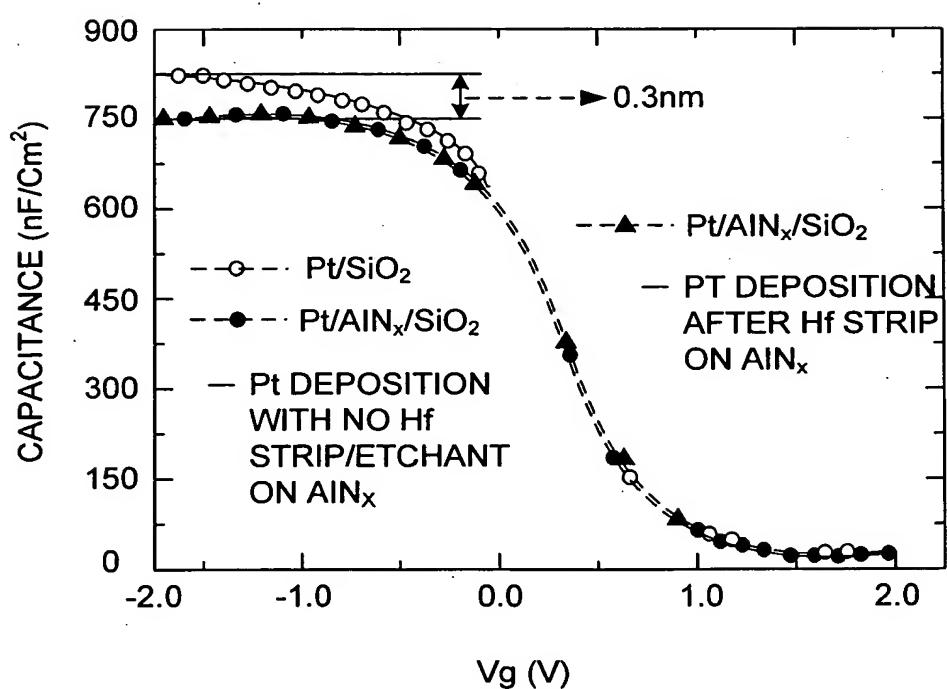


FIG. 4

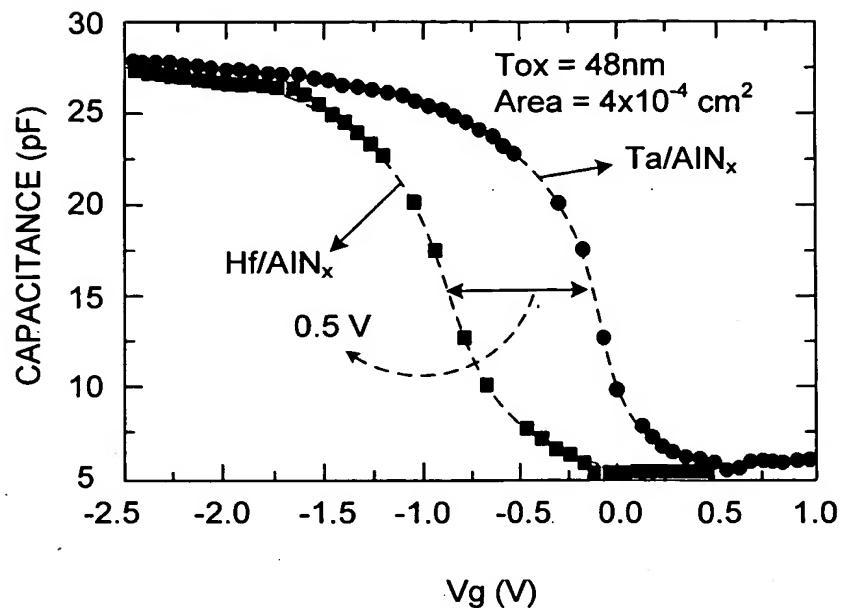


FIG. 5

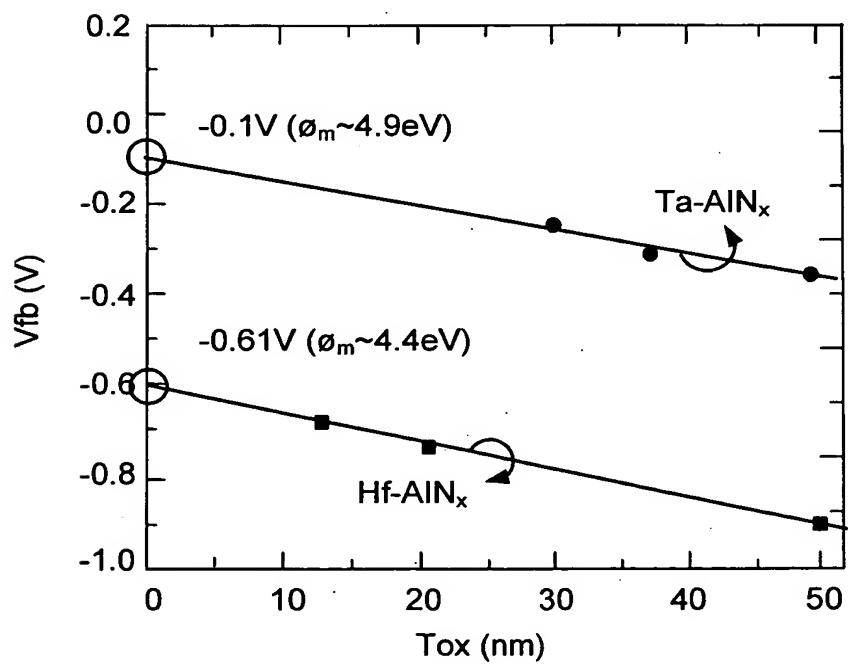


FIG. 6

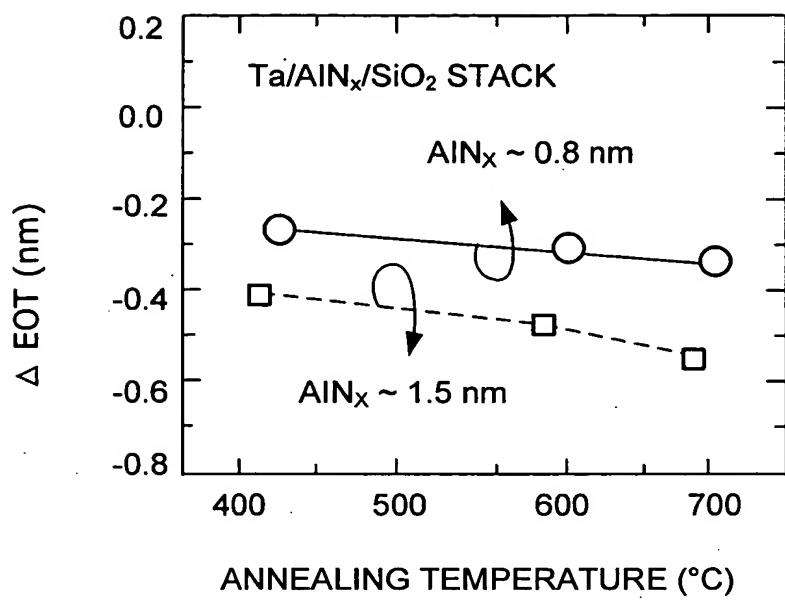


FIG. 7